

SELF-SEALING MATERIALS AND DEVICES COMPRISING SAME

ABSTRACT

5 This invention relates to gas- or liquid-permeable materials that seal when exposed to water and methods of making such materials. In general, materials of this invention comprise a hydrogel adhered to pore walls of a porous substrate.

The invention further relates to devices comprising self-sealing materials including, but not limited to, pipette tips, containers, intravenous liquid delivery systems, and syringe caps.

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